The claimed invention is:

1.   A commanding system for a computer, comprising:

a memory storing an input module that accepts a plurality of input sequences across

5   multiple input device categories, and a commanding element having a binding table that connects

input to associated action, at least one binding entry in the binding table including sub-command

bindings associated with the plurality of input sequences across multiple input device categories;

and

a processor in data communication with the storage facility, the processor programmed

10   to:

receive the input at the input module;

pass the input to the commanding element, the commanding element looking up a

matching sub-command binding associated with the input in the binding table; and

invoke action connected with the input if the matching sub-command binding is

15   found in the binding table.

2.   The system of claim 1, wherein at least two of the plurality of input sequences from the

multiple input devices are selected from the group consisting of a keyboard, mouse, pen, and

microphone.

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3.   The system of claim 1, wherein the listing of the command bindings includes entries for a

keyboard, a mouse, a pen, and a microphone.

4.   The system of claim 1, wherein the processor is further programmed to:

25   traverse the binding table; and

report a command associated with each binding entry of the binding table.

5.   The system of claim 1, wherein the commanding element is in a control level.

30   6.   The system of claim 1, wherein the commanding element is in an application level.

7.   The system of claim 1, wherein the memory further comprises a second commanding element having a second binding table that connects input to associated action, at least one binding entry in the second binding table including sub-command bindings associated with the plurality of input sequences across multiple input device categories, and wherein the processor is

5   further programmed to:

tunnel the input to the second commanding element, the second commanding element looking up the matching sub-command binding associated with the input in the second binding table; and

invoke action connected with the input if the matching sub-command binding is

10   found in the second binding table.

8.   A computer readable medium having data structure stored thereon for use in commanding within a computing environment, the data structure comprising:

a first binding table for a first commanding element, the first binding table including a plurality of first binding entries, each binding entry of the plurality of first binding entries

5   including a command binding, a command, and a handler;

wherein at least a first command binding of one binding entry of the plurality of first bindings entries includes a plurality of sub-command bindings associated with a plurality of input sequences generated across multiple input device categories.

10   9.   The computer readable medium as defined in claim 8, wherein the first command binding includes sub-command bindings for the multiple device categories including a keyboard, a mouse, a pen, and a microphone.

10.   The computer readable medium as defined in claim 8, wherein the first binding table

15   further includes a second binding entry, the second binding entry including only a command.

11.   The computer readable medium as defined by claim 8, wherein the first binding table further includes a second binding entry, the second binding entry including an additional property.

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12.   A method for commanding a computer system, comprising:

receiving one of a plurality of input sequences generated by different input device categories;

passing the input sequence to a commanding element;

looking up a matching binding entry associated with the input sequence in a binding table, the matching binding entry including a plurality of sub-command bindings for the different input devices; and

invoking a handler associated the input if the matching binding is found in the binding table.

13.   The method of claim 12, wherein the different input device categories include at least two selected from the group consisting of a keyboard, a mouse, a pen, and a microphone.

14.   The method of claim 12, wherein the different input device categories include a keyboard, a mouse, a pen, and a microphone.

15.   The method of claim 12, further comprising:

receiving a request to report commanding information;

traversing the binding table; and

reporting each command in each entry of the binding table.

16.   The method of claim 12, further comprising:

passing the input sequence to a second commanding element;

looking up the matching binding entry associated with the input sequence in a second binding table associated with the second commanding element, the matching binding entry including a plurality of sub-command bindings for the different input devices; and

invoking a handler associated the input if the matching binding is found in the second binding table.

17.   A computer readable medium having computer-executable instructions for performing the method set forth in claim 12.